being provided, which impingement jet strikes a trough base at least approximately perpendicularly, and

that side of the wall part which is remote from the impingement jet is of at least roughly plane design.

2. (Twice Amended) The impingement flow as claimed in claim 1, wherein the trough has the shape of a circle segment.

6. (Twice Amended) The impingement flow as claimed in claim 1, wherein the impingement orifices form the inlet of impingement tubes, a mouth of which is directed toward the wall part to be cooled or heated.